

Title (en)

PISTON WITH A STRUCTURED DESIGN

Title (de)

KOLBEN IN STRUKTURBAUWEISE

Title (fr)

PISTON EN MODE DE CONSTRUCTION STRUCTURELLE

Publication

EP 3612727 A1 20200226 (DE)

Application

EP 18719122 A 20180418

Priority

- DE 102017108314 A 20170419
- EP 2018059875 W 20180418

Abstract (en)

[origin: WO2018192959A1] Disclosed is a piston (1) of an internal combustion engine, constructed with a structured design and having two supporting shaft wall sections (2) lying opposite one another, with respective connecting walls (3) extending from a piston hub (4) towards the lateral edge of the supporting shaft wall sections (2), characterised in that at least one rib (5; 6; 7), preferably three ribs (5, 6, 7) is (are) provided in an inner region of the piston (1) and the amount of material in the regions surrounding the at least one rib (5; 6; 7) is reduced.

IPC 8 full level

F02F 3/00 (2006.01); **F02F 3/22** (2006.01)

CPC (source: EP US)

B23P 15/10 (2013.01 - US); **F02F 3/003** (2013.01 - EP); **F02F 3/0076** (2013.01 - EP US); **F02F 3/22** (2013.01 - US); **F16J 1/02** (2013.01 - US); **F16J 1/04** (2013.01 - US); **F02F 3/22** (2013.01 - EP); **F02F 2200/04** (2013.01 - US)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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